

25X1

C O N F I D E N T I A L  
SECURITY INFORMATION

REPORT

25X1

COUNTRY USSR

DATE DISTR. 6 Nov. 1953

SUBJECT Coke-Chemical Plant of the  
Noril'sk Nickel Combine

NO. OF PAGES 4

PLACE  
ACQUIREDNO. OF ENCLS. 1  
(LISTED BELOW)DATE  
ACQUIREDSUPPLEMENT TO  
REPORT NO.

25X1

DATE OF IN

THIS IS UNEVALUATED INFORMATION

25X1

This was the Coke Chemical Plant (KOKSO-KHIMICHESKIY ZAVOD) which produced coke and coke by-products for, as well as being a part of, the NORIL'SK Nickel Combine. [redacted]  
[redacted] the construction of this plant began in 1945

25X1

## 2. LABOR FORCE:

[redacted] the plant employed both free civilians and approximately 150 prisoners. Plant worked three shifts a day, from 0700 to 0700, seven days a week.

25X1

## 3.

[redacted] the coke produced here was produced in a single battery of 30 by-product type coke ovens and had two pusher

25X1

USAF review completed.

C O N F I D E N T I A L

SECURITY INFORMATION

25 YEAR RE-REVIEW

25X1

**Page Denied**

C O N F I D E N T I A L

- 2 -

25X1

type rams. The coal was received from local coal mines and was shipped in by rail. The rail cars were similar to a four axle gondola car 12 X 3 X 3 meters.

25X1

three or four of these cars were shipped in. The capacity of these cars was unknown.

25X1

The only means of transporting the coal or coke was by rail. No further information.

#### 4. PLANT LAYOUT:

(Reference is made to Encl #1, this report, Sketch of the Coke Chemical Plant in NORIL'SK.)

25X1

1. RAILROAD. Single track, Soviet gauge, serviced the Coke Chemical Plant.

2. ROAD. Asphalt surfaced, eight meters wide, serviced plant and led on to Factory No. 25

25X1

3. ADMINISTRATION BUILDING. Two story, white, brick building 80 X 35 X 8 m with a slightly pitched tar papered roof. Building contained a central passageway on the ground floor through which all the civilian employees had to pass on their way to and from work.

4. FIRE STATION. Two story, brick building 20 X 20 X 12 meters with a slightly pitched tar papered roof. Contained quarters for 20 to 30 firemen (prisoners) and maintained two fire trucks.

25X1

5. REPAIR SHOP. One story, brick building 60 X 30 X 8 meters with a slightly pitched tar papered roof. Contained an unknown number of lathes and drills and repaired parts for this plant. Workers in this shop were both prisoners and free civilians.

6. COAL CONCENTRATION LABORATORY (UGOL' OBOGATITEL'NAYA LABORATORIYA). One story, brick building 20 X 10 X 6 meters with a slightly pitched tar papered roof. Employed mostly prisoners but had a number of free civilian laboratory technicians and offered a short course for laboratory technicians.

7. BUILDING UNDER CONSTRUCTION. Brick building 80 X 30 meters, only one story was completed at time of observation in May 1952

25X1

Construction was done by the prisoners. this building and the other building under construction (pt #8) were to produce synthetic gasoline.

8. BUILDING UNDER CONSTRUCTION. Five story brick building 50 X 40 X 50, type roof unknown. Exterior construction completed.

9. COKE BY-PRODUCTS BUILDING. One story brick building 80 X 30 X 8 meters with a slightly pitched tar papered roof. This building was connected with the coke oven building (pt #12) with three fairly large steel pipes. There was a strong odor of ammonia in the building and immediate vicinity. all the by-products were produced in this building. Another pipeline led from this building to the VOYENNNYY ZAVOD an ammoniac solution was piped from this building to the VOYENNNYY ZAVOD because an ammonia odor along the pipeline near the building. However,

25X1

C O N F I D E N T I A L

25X1

**Page Denied**

C O N F I D E N T I A L

- 3 -

25X1

[redacted] not [redacted] certain that the ammonia odor was not coming from the building.

25X1

25X1

10. SMOKESTACK. Brick 60 meters high.

11. BUILDING. A small brick building 6 X 6 X 5 with a level roof with a steel stack 20 meters high from which waste gases were constantly being burned. This building was connected as well with a pipeline from the by-products building.

12. COKE OVEN BUILDING. Four or five story brick building 80 X 30 X 30 meters with a level roof. Contained one battery of 30 coke ovens in a single row. Each oven was 10 X 1 X 4 meters. Had two pusher type rammers. This building was connected with the coal and coke building (pt #14) by a conveyor (pt #13) which hauled the coal to the coke oven building.

13. CONVEYOR. Reinforced and enclosed with brick structure 2 X 1 meters.

14. COAL AND COKE BUILDING. Five story, brick building 100 X 40 X 40 meters with a level roof. Coal was prepared to be conveyed to the coke oven building by conveyor. After the coking process, the coke was returned to this building by conveyor, emptied coke into hoppers and from there into railroad cars to be hauled to the various plants in the area. The hopper bins were extended from this building and supported by an unknown number of steel beams. The railroad cars were pushed under these bins and loaded.

15. OFFICE BUILDING. Three story, brick building 30 X 30 X 30 meters with a level roof. Contained various offices.

16. WASH ROOM BUILDING. One story, brick, 30 X 15 X 6 meters with a slightly pitched tar papered roof.

17. TRANSFORMER STATION. One story, brick, 20 X 15 X 6 meters, roof unknown.

18. BUILDING. Five story, brick building 100 X 40 X 40 meters with a level roof. [redacted] this was a coal storage and sorting building in preparation for the coking process.

25X1

25X1

19. BUILDING. Five story, brick building 100 X 40 X 40 meters with a level roof. Use of building unknown although a great deal of coal dust came from this building. Next to the building on the outside was a pile of small pieces of coal or coke.

20. WATER QUENCHING TOWER. Brick, inverted upright U shaped building 20 meters high with a water tank eight meters high and five meters in diameter.

21. UNKNOWN BUILDING. One story, brick building 15 X 20 X 8 meters, level roof.

Enclosure.

#1. [redacted] Sketch of Coke Chemical Plant in Noril'sk

25X1

C O N F I D E N T I A L

25X1

**Page Denied**

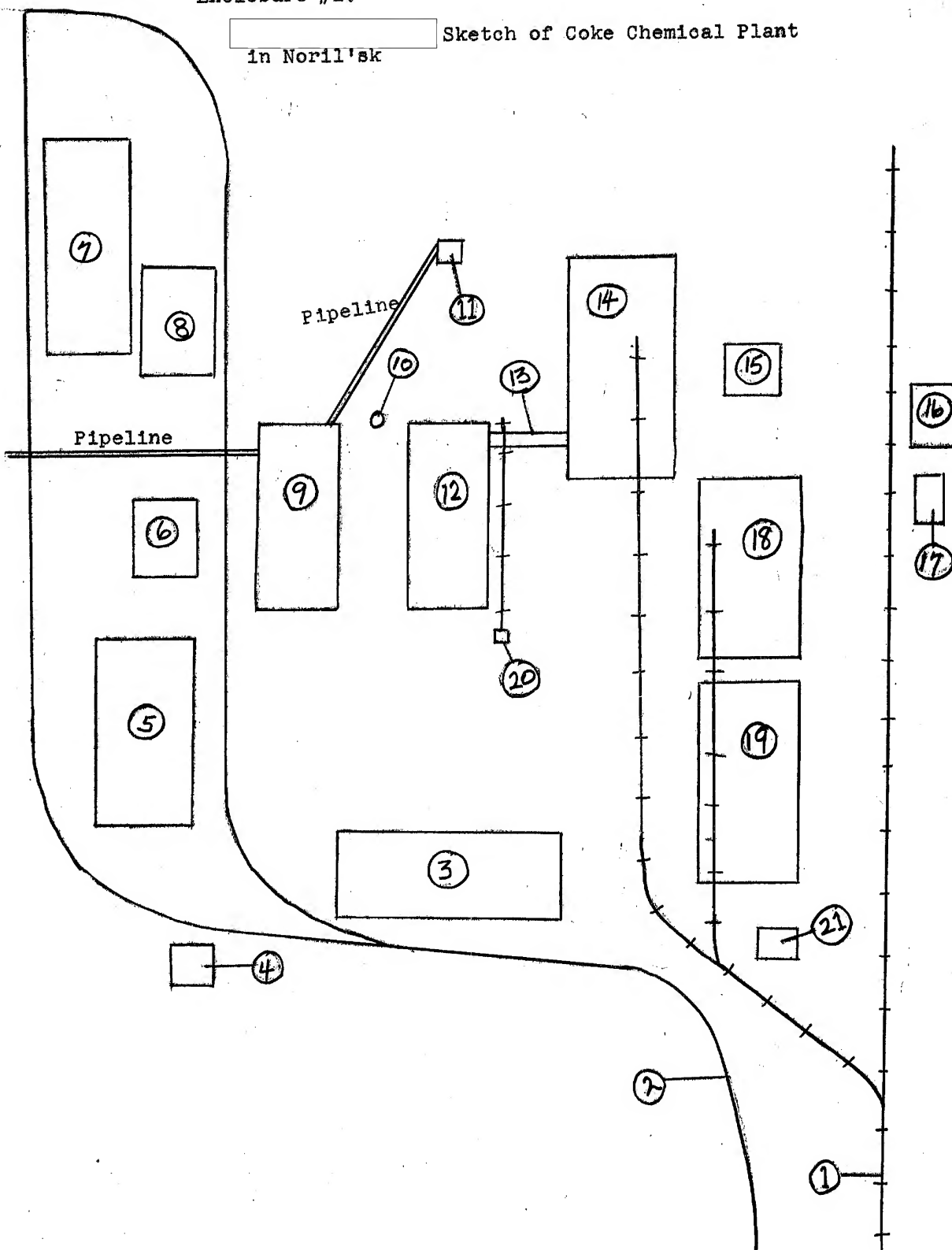
CONFIDENTIAL  
- 4 -

25X1

Enclosure #1.

Sketch of Coke Chemical Plant  
in Noril'sk

25X1



CONFIDENTIAL

25X1

**Page Denied**